



SCIENCE @ DIRECT

Register or Login:

Password: 
[Home](#) [Search](#) [Journals](#) [Abstract Databases](#) [Books](#) [Reference Works](#) [My Profile](#) [Alerts](#)
Quick Search: 

within

[? Search Tips](#)results **1 - 25****25 Articles Found That Cited:****Manual Manufacturing of Oligonucleotide, DNA, and Protein Microchips***Analytical Biochemistry*, Volume 250, Issue 2, 1 August 1997, Pages 203-211

Dmitry Guschin, Gennadiy Yershov, Alexander Zaslavsky, Anne Gemmell, Valentin Shick, Dmitry Proudnikov, Pavel Arenkov and Andrei Mirzabekov

NOTE: This result is limited to journals and book series that are available on ScienceDirect.

[Save as a Citation Alert](#)



View: 

1. ☐ **Use of protein–acrylamide copolymer hydrogels for measuring protein concentration and activity • ARTICLE**  
*Analytical Biochemistry*, Volume 329, Issue 2, 15 June 2004, Pages 180-189  
 Shawn B. Brueggemeier, Stephen J. Kron and Sean P. Palecek  
[SummaryPlus](#) | [Full Text + Links](#) | [PDF \(569 K\)](#)

---

2. ☐ **Multiplexed sandwich assays in microarray format • REVIEW ARTICLE**  
*Journal of Immunological Methods*, *In Press, Uncorrected Proof*, Available online 27 May 2004,  
 Ulrik B. Nielsen and Bernhard H. Geierstanger  
[SummaryPlus](#) | [Full Text + Links](#) | [PDF \(318 K\)](#)

---

3. ☐ **Fabrication and characterization of 3D hydrogel microarrays to measure antigenicity and antibody functionality for biosensor applications • ARTICLE**  
*Biosensors and Bioelectronics*, *In Press, Corrected Proof*, Available online 25 May 2004,  
 Paul T. Charles, Ellen R. Goldman, Jermain G. Rangasammy, Caroline L. Schauer, Mu-San Chen and Chris R. Taitt  
[SummaryPlus](#) | [Full Text + Links](#) | [PDF \(221 K\)](#)

---

4. ☐ **Microarray preparation based on oxidation of agarose-gel and subsequent enzyme immunoassay • ARTICLE**  
*Sensors and Actuators B: Chemical*, Volume 98, Issue 1, 1 March 2004, Pages 83-91  
 Yu Wei , Gu Ning , Zhang Hai-Qian , Wu Jian-Guo , Wang Yi-Hong and Klaus-D. Wesche  
[SummaryPlus](#) | [Full Text + Links](#) | [PDF \(435 K\)](#)

---

5. ☐ **DNA biochip arraying, detection and amplification strategies • ARTICLE**  
*TRAC Trends in Analytical Chemistry*, Volume 23, Issue 1, January 2004, Pages 49-62

M. Campàs and I. Katakis  
[Abstract](#)

- 
6. ☐ **Microarray Technology And Applications in Environmental Microbiology • REVIEW ARTICLE**

*Advances in Agronomy, Volume 82, 2004, Pages 183-270*

Jizhong Zhou and Dorothea K. Thompson

[Abstract](#)

- 
7. ☐ **Microarrays for bacterial detection and microbial community analysis • REVIEW ARTICLE**

*Current Opinion in Microbiology, Volume 6, Issue 3, June 2003, Pages 288-294*

Jizhong Zhou

[Abstract](#)

- 
8. ☐ **Protein chip technology • REVIEW ARTICLE**

*Current Opinion in Chemical Biology, Volume 7, Issue 1, February 2003, Pages 55-63*

Heng Zhu and Michael Snyder

[Abstract](#)

- 
9. ☐ **Biochips beyond DNA: technologies and applications • REVIEW ARTICLE**

*Biotechnology Annual Review, Volume 9, 2003, Pages 1-149*

Jocelyn H. Ng and Leodevico L. Ilag

[Abstract](#)

- 
10. ☐ **Affinity-capture reagents for protein arrays • REVIEW ARTICLE**

*Trends in Biotechnology, Volume 20, Issue 12, 1 December 2002, Pages s19-s22*

Giuliano Elia, Michela Silacci, Simone Scheurer, Jörg Scheuermann and Dario Neri

[SummaryPlus](#) | [Full Text + Links](#) | [PDF \(116 K\)](#)

- 
11. ☐ **Specificity of Mammalian Y-box Binding Protein p50 in Interaction with ss and ds DNA Analyzed with Generic Oligonucleotide Microchip • ARTICLE**

*Journal of Molecular Biology, Volume 324, Issue 1, 15 November 2002, Pages 73-87*

O. A. Zasedateleva, A. S. Krylov, D. V. Prokopenko, M. A. Skabkin, L. P. Ovchinnikov, A. Kolchinsky and A. D. Mirzabekov

[SummaryPlus](#) | [Full Text + Links](#) | [PDF \(2142 K\)](#)

- 
12. ☐ **Fluorescence-based nucleic acid detection and microarrays • REVIEW ARTICLE**

*Analytica Chimica Acta, Volume 469, Issue 1, 26 September 2002, Pages 3-36*

Jason R. Epstein, Israel Biran and David R. Walt

[SummaryPlus](#) | [Full Text + Links](#) | [PDF \(1179 K\)](#)

- 
13. ☐ **Computation with DNA on surfaces • ARTICLE**

*Surface Science, Volume 500, Issues 1-3, 10 March 2002, Pages 699-721*

Susan D. Gillmor, Paul P. Rugheimer and Max G. Lagally

[SummaryPlus](#) | [Full Text + Links](#) | [PDF \(702 K\)](#)

- 
14. ☐ **Measuring proteins on microarrays • REVIEW ARTICLE**

*Current Opinion in Biotechnology, Volume 13, Issue 1, 1 February 2002, Pages 14-19*

Barry Schweitzer and Stephen F. Kingsmore  
[Abstract](#)

- 
15. ☐ **Semi-synthetic nucleic acid–protein conjugates: applications in life sciences and nanobiotechnology** • ARTICLE

*Reviews in Molecular Biotechnology, Volume 82, Issue 1, November 2001, Pages 47-66*  
 Christof M. Niemeyer  
[Abstract](#)

- 
16. ☐ **Simultaneous detection of six biohazardous agents using a planar waveguide array biosensor** • ARTICLE

*Biosensors and Bioelectronics, Volume 15, Issues 11-12, December 2000, Pages 579-589*  
 Chris A. Rowe-Taitt, James W. Hazzard, Karen E. Hoffman, John J. Cras, Joel P. Golden and Frances S. Ligler  
[SummaryPlus](#) | [Full Text + Links](#) | [PDF \(818 K\)](#)

- 
17. ☐ **Protein arrays: a high-throughput solution for proteomics research?** • REVIEW ARTICLE

*Trends in Biotechnology, Volume 18, Supplement 1, 1 July 2000, Pages 47-51*  
 Dolores J. Cahill  
[SummaryPlus](#) | [Full Text + Links](#) | [PDF \(226 K\)](#)

- 
18. ☐ **Genomics and proteomics: The new millennium of drug discovery and development** • ARTICLE

*Journal of Pharmacological and Toxicological Methods, Volume 44, Issue 1, July-August 2000, Pages 291-300*  
 Mary Jane Cunningham  
[Abstract](#)

- 
19. ☐ **Protein arrays for gene expression and molecular interaction screening** • REVIEW ARTICLE

*Current Opinion in Microbiology, Volume 3, Issue 3, 1 June 2000, Pages 298-302*  
 Gerald Walter, Konrad Büssow, Dolores Cahill, Angelika Lueking and Hans Lehrach  
[Abstract](#)

- 
20. ☐ **Protein Microchips: Use for Immunoassay and Enzymatic Reactions** • ARTICLE

*Analytical Biochemistry, Volume 278, Issue 2, 15 February 2000, Pages 123-131*  
 Pavel Arenkov, Alexander Kukhtin, Anne Gemmell, Sergey Voloshchuk, Valentina Chupeeva and Andrei Mirzabekov  
[Abstract](#) | [Abstract + References](#) | [PDF \(272 K\)](#)

- 
21. ☐ **Powerful tools for genetic analysis come of age** • REVIEW ARTICLE

*Trends in Biotechnology, Volume 17, Issue 3, 1 March 1999, Pages 127-134*  
 David J. Graves  
[SummaryPlus](#) | [Full Text + Links](#) | [PDF \(207 K\)](#)

- 
22. ☐ **Immobilization of Oligonucleotides onto a Glass Support via Disulfide Bonds: A Method for Preparation of DNA Microarrays** • ARTICLE

*Analytical Biochemistry, Volume 266, Issue 1, 1 January 1999, Pages 23-30*

Yu-Hui Rogers, Ping Jiang-Baucom, Zhi-Jian Huang, Valery Bogdanov, Stephen Anderson and Michael T. Boyce-Jacino

[Abstract](#) | [Abstract + References](#) | [PDF \(145 K\)](#)

- 
23. ☐ **Technology for microarray analysis of gene expression • ARTICLE**  
*Current Opinion in Biotechnology, Volume 9, Issue 6, December 1998, Pages 609-614*  
Andrew Watson, Abhijit Mazumder, Michael Stewart and Sriram Balasubramanian  
[Abstract](#)

- 
24. ☐ **Analysing genetic information with DNA arrays • ARTICLE**  
*Current Opinion in Chemical Biology, Volume 2, Issue 3, June 1998, Pages 404-410*  
Stephen C Case-Green, Kalim U Mir, Clare E Pritchard and Edwin M Southern  
[Abstract](#)

- 
25. ☐ **Immobilization of DNA in Polyacrylamide Gel for the Manufacture of DNA and DNA-Oligonucleotide Microchips • ARTICLE**  
*Analytical Biochemistry, Volume 259, Issue 1, 15 May 1998, Pages 34-41*  
Dmitri Proudnikov, Edward Timofeev and Andrei Mirzabekov  
[Abstract](#) | [Abstract + References](#) | [PDF \(1349 K\)](#)

---

#### 25 Articles Found That Cited:

**Manual Manufacturing of Oligonucleotide, DNA, and Protein Microchips**

Analytical Biochemistry, Volume 250, Issue 2, 1 August 1997, Pages 203-211

Dmitry Guschin, Gennadiy Yershov, Alexander Zaslavsky, Anne Gemmell, Valentin Shick, Dmitry Proudnikov, Pavel Arenkov and Andrei Mirzabekov

[Save as a Citation Alert](#)

[Cite-View Page](#)

results **1 - 25**

[View Page](#)

[Home](#) [Search](#) [Journals](#) [Abstract Databases](#) [Books](#) [Reference Works](#) [My Profile](#) [Alerts](#)

[Feedback](#) | [Terms & Conditions](#) | [Privacy Policy](#)

Copyright © 2004 Elsevier B.V. All rights reserved. ScienceDirect® is a registered trademark of Elsevier B.V.